

Title (en)

Shock-wave generating apparatus for non-invasive destruction of concrements in living bodies

Title (de)

Gerät zum Erzeugen von Stosswellen für die berührungsfreie Zerstörung von Konkrementen in Körpern von Lebewesen

Title (fr)

Dispositif générateur d'ondes de choc pour la destruction à distance des concrétions dans le corps vivant

Publication

**EP 0590177 B1 19961218 (DE)**

Application

**EP 92116582 A 19920928**

Priority

EP 92116582 A 19920928

Abstract (en)

[origin: EP0590177A1] The invention relates to an apparatus for generating shock waves by means of a spark gap, using two electrodes (4,5). During the electrical discharge, low-frequency sound components are generated in addition to the desired shock waves. These sound components have a disturbing effect on the therapy. In order to reduce the low-frequency sound components, provision is made according to the invention for the electrodes (4,5) to be arranged in a sleeve (7) which surrounds these electrodes in a pressure-tight manner. <IMAGE>

IPC 1-7

**G10K 15/06**

IPC 8 full level

**A61B 17/22** (2006.01); **A61B 18/00** (2006.01); **A61B 18/18** (2006.01); **G10K 15/06** (2006.01)

CPC (source: EP US)

**G10K 15/06** (2013.01 - EP US)

Cited by

CZ297145B6; DE19718512C1; DE19718513A1; DE19718513C2; DE19718513C5; DE202015005070U1; DE102008012539A1; US6217531B1; EP2783754A1; DE102013005392A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**EP 0590177 A1 19940406**; **EP 0590177 B1 19961218**; DE 59207731 D1 19970130; ES 2097848 T3 19970416; JP 2584584 B2 19970226; JP H06114068 A 19940426; US 5458652 A 19951017

DOCDB simple family (application)

**EP 92116582 A 19920928**; DE 59207731 T 19920928; ES 92116582 T 19920928; JP 15912293 A 19930629; US 22127894 A 19940331